

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040220\
 Data File : VX015478.D
 Acq On : 02 Apr 2020 13:51
 Operator : JC/SP
 Sample : L2101-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 239-WC-L-01

Quant Time: Apr 03 08:39:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

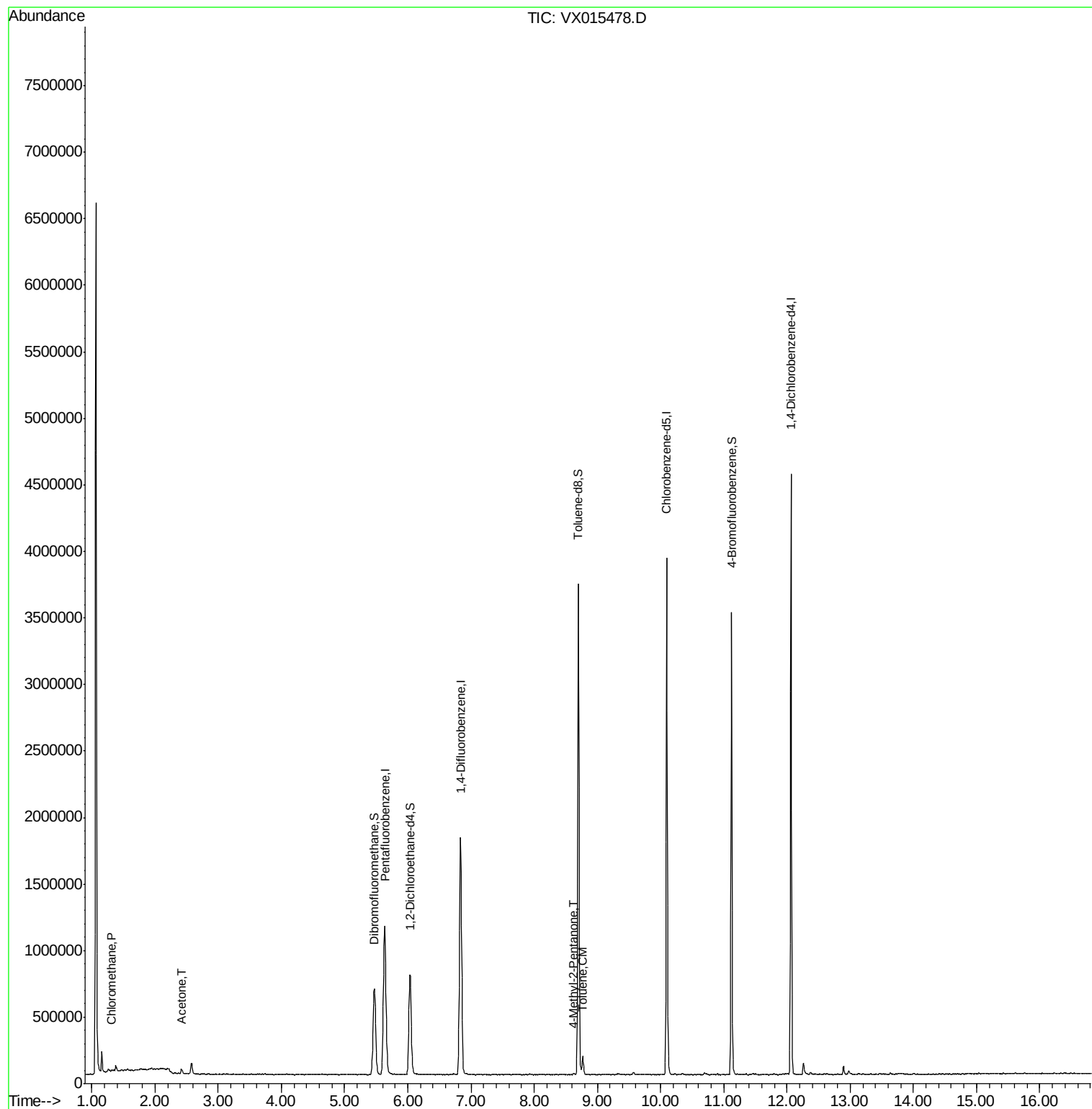
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1097274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1766645	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1663427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	895384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	739973	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
35) Dibromofluoromethane	5.47	113	548929	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	8.70	98	2128200	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.12	95	900510	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
Target Compounds						
3) Chloromethane	1.31	50	5524	0.449	ug/l	95
16) Acetone	2.42	43	41391	6.225	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	8532	0.421	ug/l #	66
52) Toluene	8.77	92	50205	1.708	ug/l	96

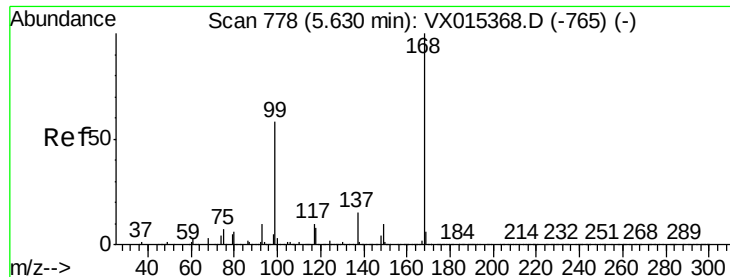
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015478.D

Acq: 02 Apr 2020 13:51

Instrument :

MSVOA_X

ClientSampled :

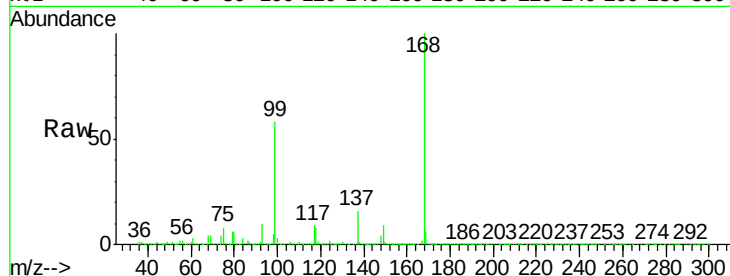
239-WC-L-01

Tot Ion:168 Resp: 1097274

Ion Ratio Lower Upper

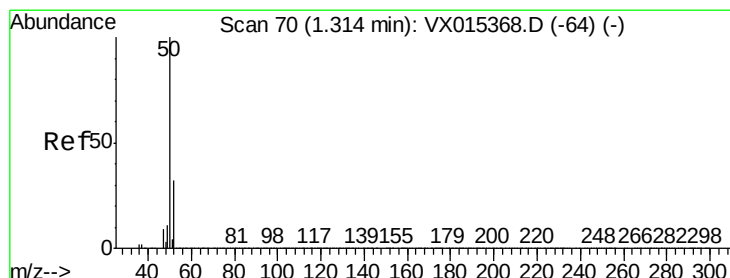
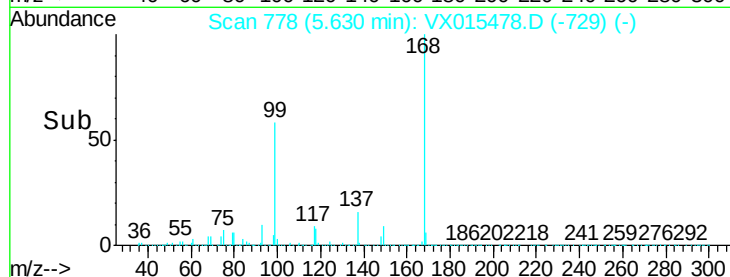
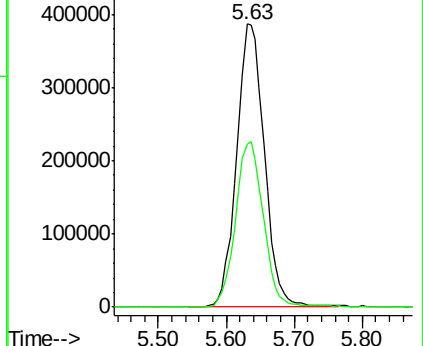
168 100

99 57.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.449 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015478.D

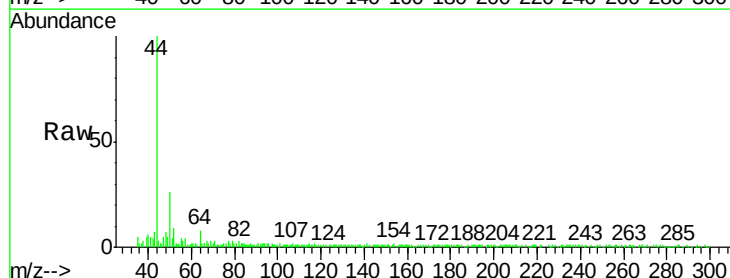
Acq: 02 Apr 2020 13:51

Tgt Ion: 50 Resp: 5524

Ion Ratio Lower Upper

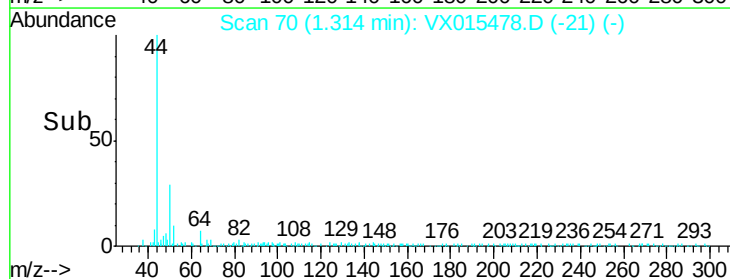
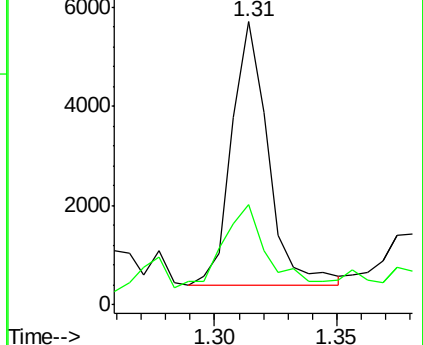
50 100

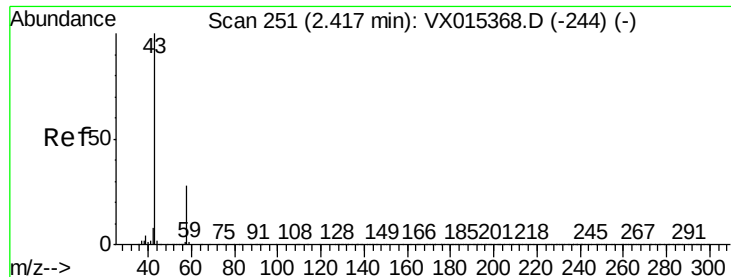
52 29.1 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

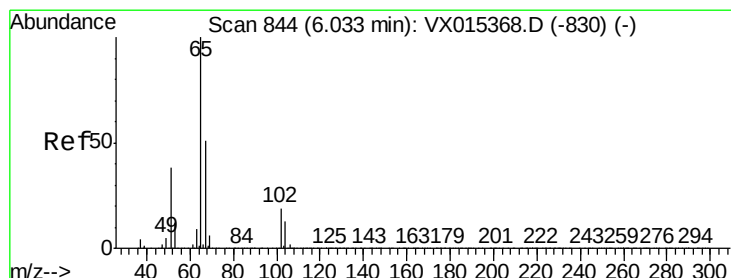
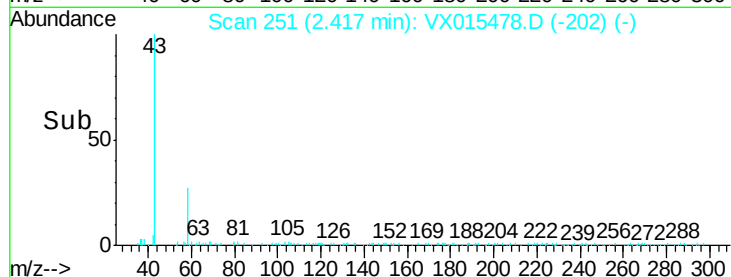
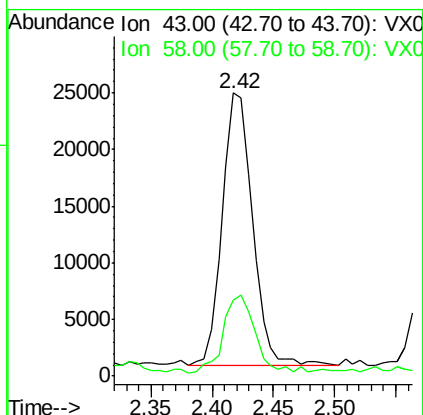
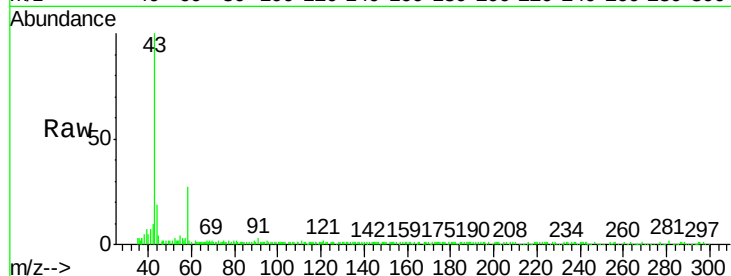




#16
Acetone
Concen: 6.225 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015478.D
Acq: 02 Apr 2020 13:51

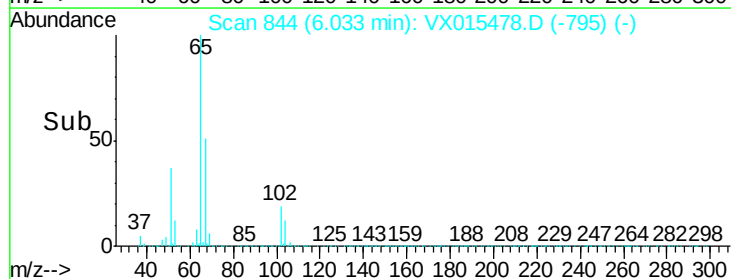
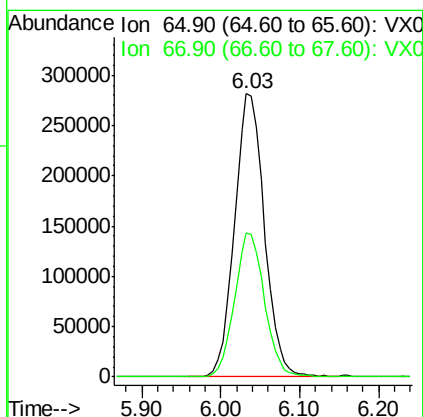
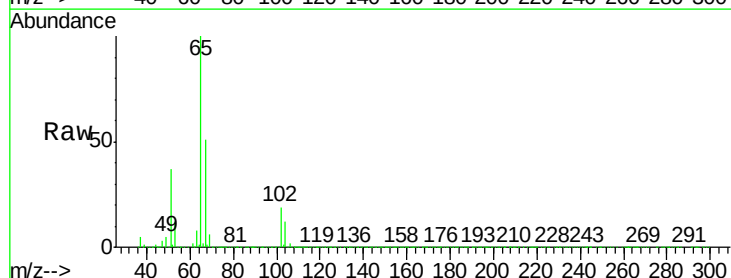
Instrument :
MSVOA_X
ClientSampled :
239-WC-L-01

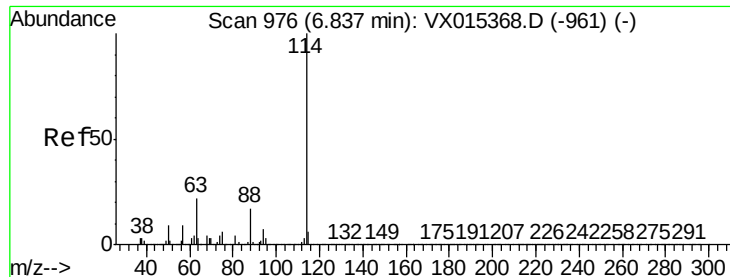
Tot Ion: 43 Resp: 41391
Ion Ratio Lower Upper
43 100
58 26.9 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 47.815 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.00 min
Lab File: VX015478.D
Acq: 02 Apr 2020 13:51

Tgt Ion: 65 Resp: 739973
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.6

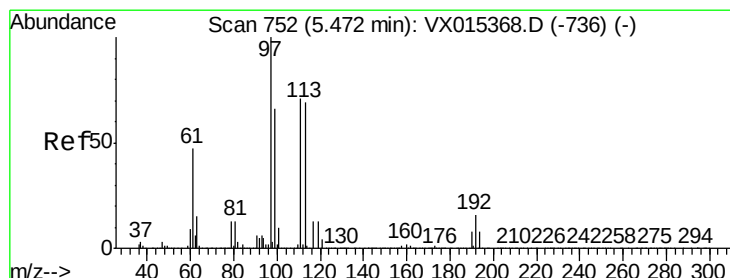
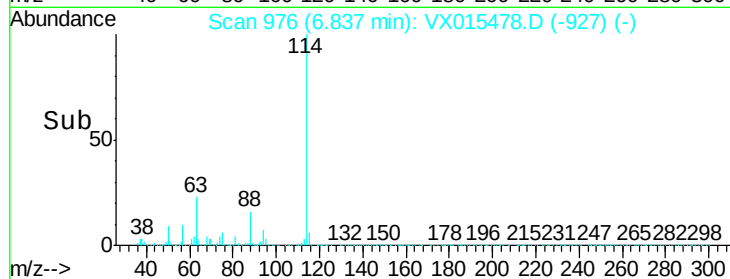
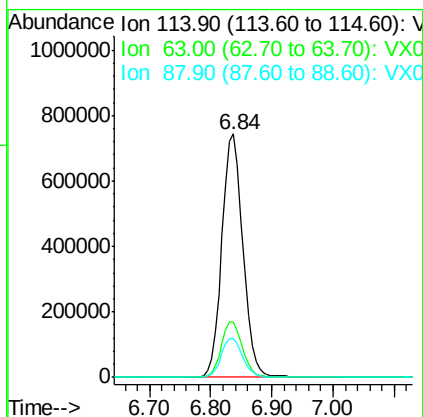
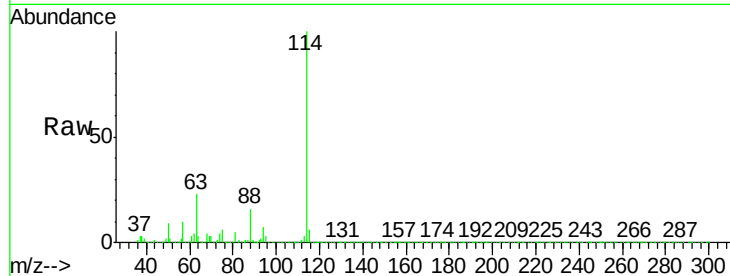




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015478.D
 Acq: 02 Apr 2020 13:51

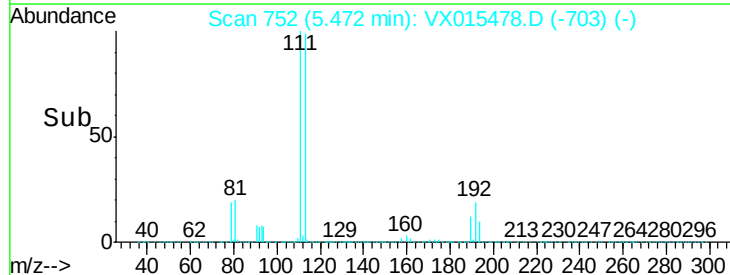
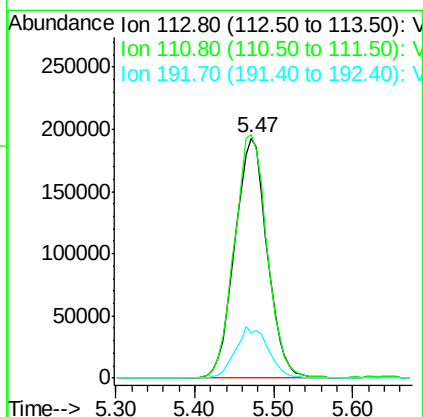
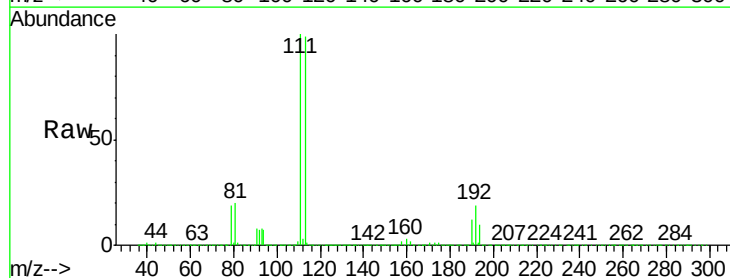
Instrument :
 MSVOA_X
 ClientSampleId :
 239-WC-L-01

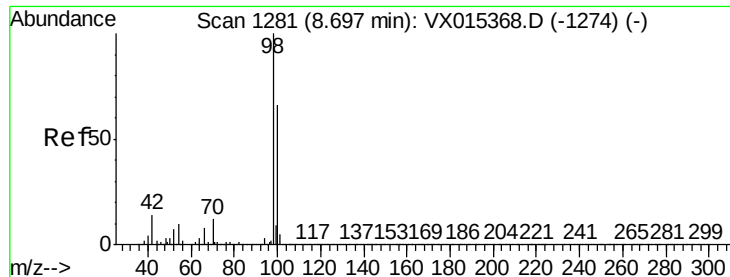
Tot Ion:114 Resp: 1766645
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.2
 88 15.9 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 48.608 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015478.D
 Acq: 02 Apr 2020 13:51

Tgt Ion:113 Resp: 548929
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.5 122.3
 192 21.8 17.8 26.6





#50

Toluene-d8

Concen: 51.187 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015478.D

Acq: 02 Apr 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

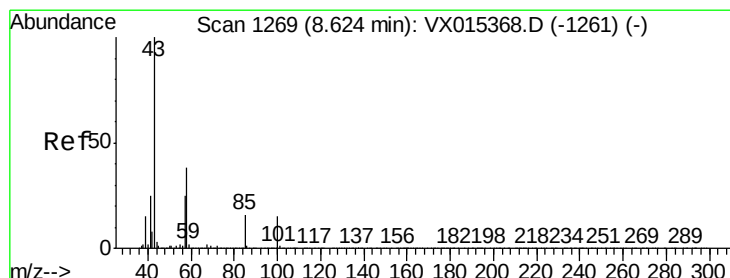
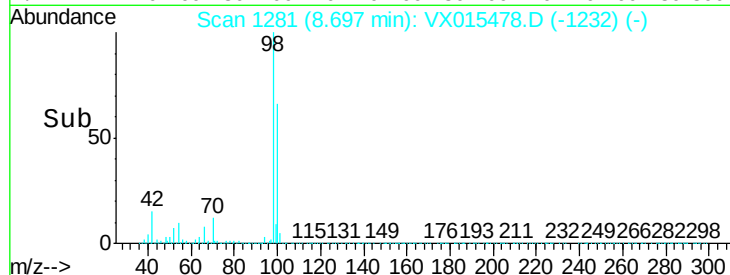
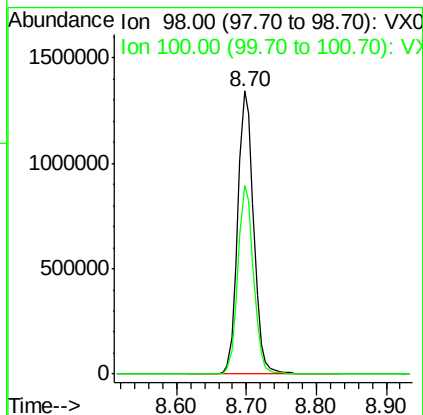
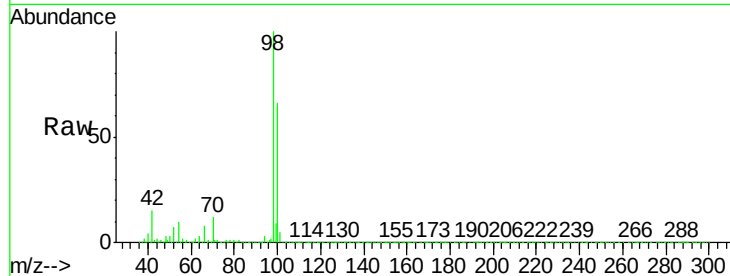
239-WC-L-01

Tot Ion: 98 Resp: 2128200

Ion Ratio Lower Upper

98 100

100 65.7 53.5 80.3



#51

4-Methyl-2-Pentanone

Concen: 0.421 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015478.D

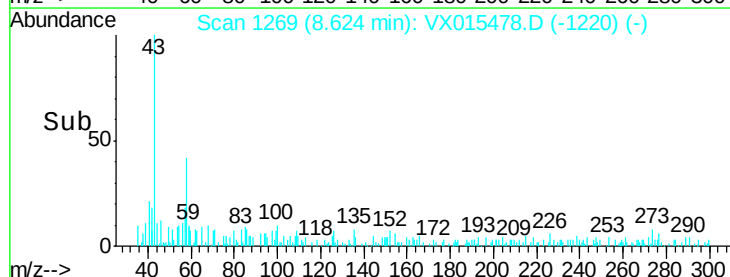
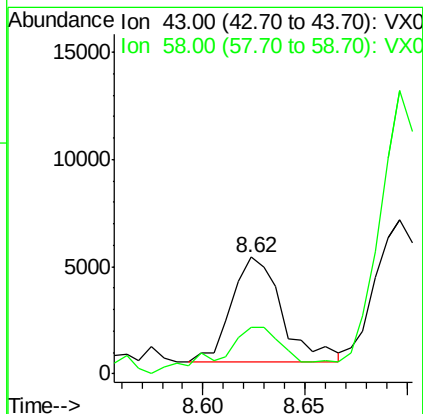
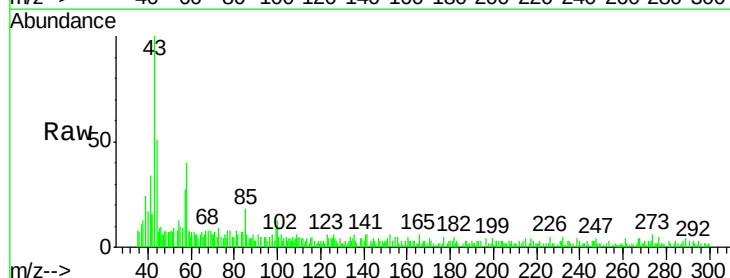
Acq: 02 Apr 2020 13:51

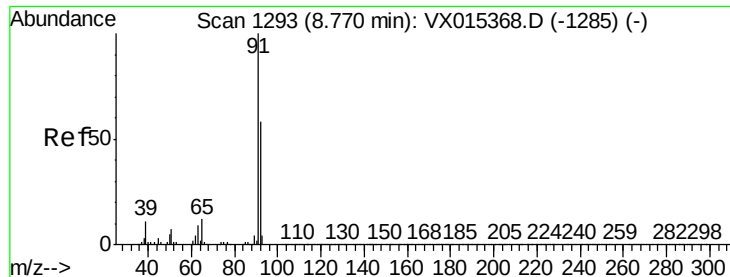
Tgt Ion: 43 Resp: 8532

Ion Ratio Lower Upper

43 100

58 57.6 29.7 44.5#





#52

Toluene

Concen: 1.708 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015478.D

Acq: 02 Apr 2020 13:51

Instrument :

MSVOA_X

ClientSampled :

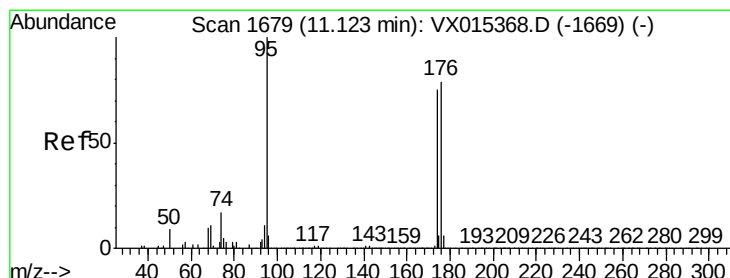
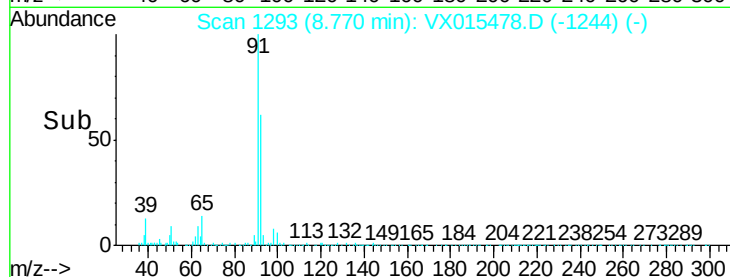
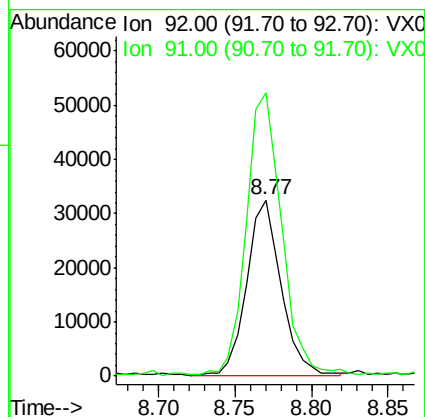
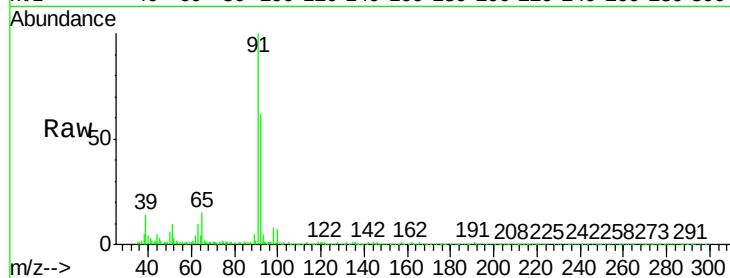
239-WC-L-01

Tot Ion: 92 Resp: 50205

Ion Ratio Lower Upper

92 100

91 165.8 136.6 205.0



#62

4-Bromofluorobenzene

Concen: 53.294 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015478.D

Acq: 02 Apr 2020 13:51

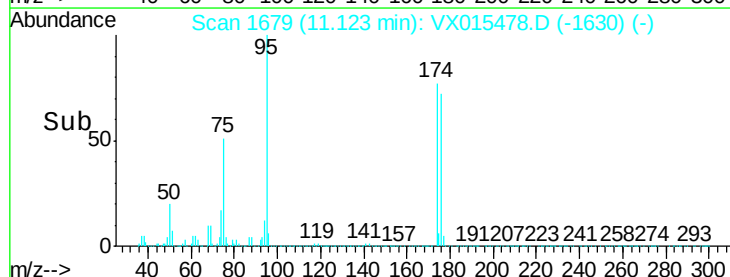
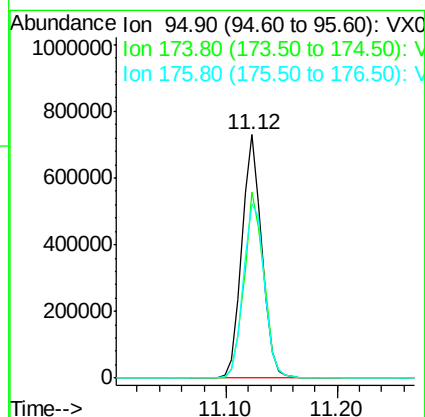
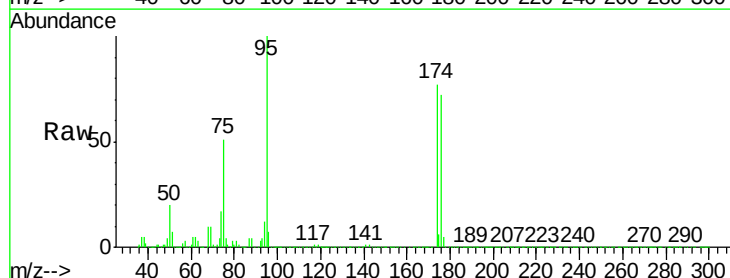
Tgt Ion: 95 Resp: 900510

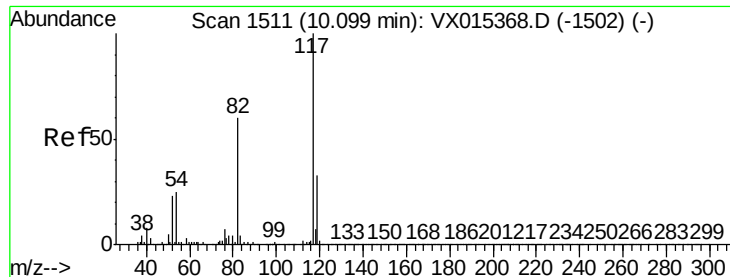
Ion Ratio Lower Upper

95 100

174 76.3 0.0 158.6

176 76.4 0.0 159.0

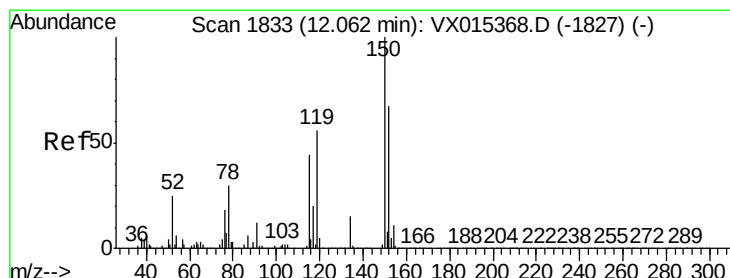
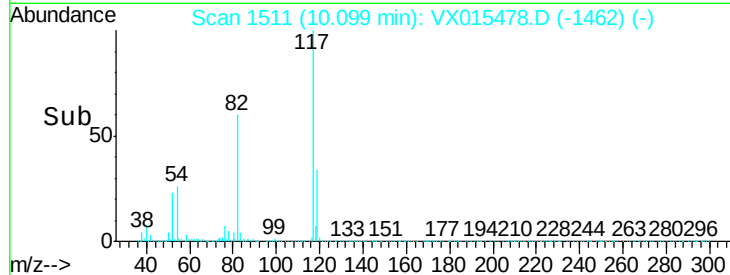
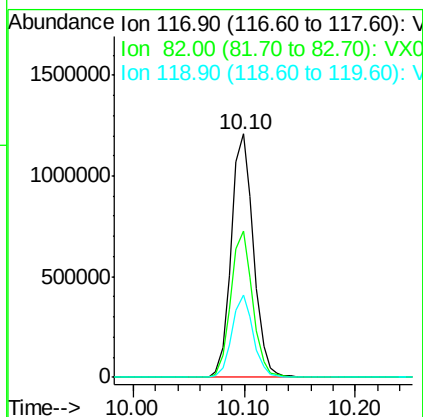
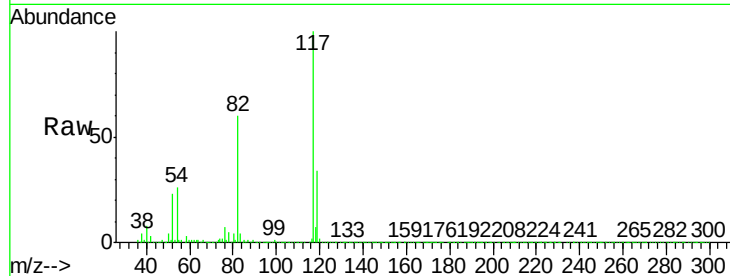




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015478.D
Acq: 02 Apr 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
239-WC-L-01

Tot Ion:117 Resp: 1663427
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.8
119 33.7 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015478.D
Acq: 02 Apr 2020 13:51

Tgt Ion:152 Resp: 895384
Ion Ratio Lower Upper
152 100
115 57.1 39.0 116.9
150 155.2 0.0 340.8

